



Revision Pending Approval - September 2003

U.S. Steel Corporation Midwest Plant 6300 US HWY 12

MS AE-1

Portage, IN 46368-1287

FACILITY NAME AND ADDRESS:

PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH. THIS REPORT MUST BE POSTMARKED NO LATER THAN THE 28TH OF THE FOLLOWING MONTH.

Mail To: Indiana Dept. of Envir

Indiana Dept. of Environmental Management
Office of Water Quality / Data Management Section

P.O. Box 6015

Indianapolis, Indiana 46206-6015

0 0 0	3 3	7	0 0 OUTEA	2 A	0 M	4 1 O V	7 R	
		nU						Flow, Total
	·	•		*****				Q82220
				*****				RCOTOT
				*****		Olab	Grab	RCOTOT
				*****		Daily	Daily	Monthly
		1/Week	Daily	*****	1/Week			Monthly
Permit Minimum	*****	6.0	*****	*****	*****	*****	*****	*****
Permit Average	Report	*****	Report	*****	*****	0.04	0.01	*****
Permit Maximum	Report	9.0	Report	*****	Report	0.26	0.06	Report
UNITS =	MGD	SU	°F		mg/L	Lbs/day	mg/L	MGAL/MO
01	0.063		59.7					
02	0.057		59.2					
03	0.102	7.7	64.2		< 1.3			
04	0.002		63.7					
		7.0			4.0			
		7.8			< 1.3			
12								
13	0.004							
14	0.021		65.7					
15	0.111		63.7					
16	0.209		60.4					
17	0.057	7.3	62.1		< 1.3			
18	0.011		63.3					
19	0.058		66.0					
20	0.092		68.1					
21	0.140		67.6					
		7 7			_ 13			
					1.3			
30	0.329		69.2					
E					_		NA	
	0.637				< 1.3	NA	NA	4.65
	0.002	7.3	59.2		< 1.3	NA	NA	
	0	0	0		0	0	0	
	Permit Condition	TER NUMBER Q50050 Permit Condition Continuous Monitored Continuous Permit Condition 1/Week Monitored Daily Permit Minimum ******* Permit Average Report Permit Maximum Report UNITS = MGD 01 0.063 02 0.057 03 0.102 04 0.002 05 0.200 06 0.069 07 0.009 08 0.014 09 0.155 10 0.018 11 0.008 11 0.008 11 0.008 11 0.008 11 0.008 11 0.009 15 0.111 16 0.209 17 0.009 18 0.011 19 0.057 18 0.011 19 0.058 20 0.092 21 0.140 22 0.226 23 0.384 24 0.637 25 0.565 26 0.543 27 0.184 28 0.055 29 0.320 30 0.329 E 0.155	Part Part	Temperature Temperature Temperature Temperature Green Gree	Part Part	Page	CTER NUMBER	TER NUMBER

ighlighted daily values are <LOQ & >= LOD, and are not quantifiable Mark Henry

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

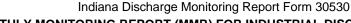
Mark Henry	5/21/2017
(SIGNATURE OF CERTIFIED OPERATOR)	DATE
Mark Henry	
219.763.5869	WW020376
PHONE NUMBER	CERTIFICATION NO.

Joseph E. Hanning

(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)
Joseph E. Hanning, Manager Environmental Control

DATE Page 1 of 22

5/21/2017





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FFLUENT)		50050	C00400		0011	****		C0055	52	Q5006		C50060	Q82	
			Conditi			tinuous	Grab		nuous	****	k*	Grab		Grab		Grab	RCO	
SAMPLE	E TYPE	Monito		OII		tinuous	Grab		nuous	****	**	Grab		Orac		Olab	RCO	
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FREQL	JENCY				Daily	1/Week		Daily	****	**	1/Wee	ek	-			Monthly	nthly	
EFFLU	IENIT	Permit Minimum		*	****	6.0	***	****	****	**	****		*****	*	*****	***		
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V 17 \			Maxim			eport	9.0		port	****	**	Repo	_	6.82		0.06	Rep	
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				03		14.14	7.5	45	5.6		<	:	1.3					
				04		14.64		46	6.1									
				05		15.55		48	3.2									
				06		15.00		50	0.8									
				07		14.59		53	3.0									
				08		14.95		52	2.2				1					
				09		14.05		53	3.0									
				10		14.04	7.6	50	0.0		<	:	1.3					
				11		14.38			7.3									
				12		13.34			6.6									
				13		14.22			6.6									
				14		15.31			7.1									
				15		14.97			1.7								+	
						14.97												
				16	-		7.0		5.0								<u> </u>	
				17		14.01	7.8		5.2		<	-	1.3					
				18		15.05			1.7									
				19		14.72			5.2									
				20		14.30			3.2									
				21		14.26		60	0.4									
				22		14.30		60	0.4									
				23		14.41		58	3.7									
				24		14.11	7.5	60	0.8		<	:	1.3					
				25		14.82		59	9.6									
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	ITATIONS					0	0		0			0		0		0		
	Monthly /			20 haa	ed coloul		-	lighted dail									1	

under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that

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Mark Henry

(SIGNATURE OF CERTIFIED OPERATOR)

Mark Henry 219.763.5869

WW020376 CERTIFICATION NO.

PHONE NUMBER Joseph E. Hanning

5/21/2017 DATE

5/21/2017

DATE

(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER) Joseph E. Hanning, Manager Environmental Control

Page 2 of 22



MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

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6300 US HWY 12 MS AE-1 Portage, IN 46368-1287 Indiana Dept. of Environmental Management Office of Water Quality / Data Management Section

P.O. Box 6015

Indianapolis, Indiana 46206-6015

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			PEF	RMIT N	JMBER				<u>-</u> '		OUTFAI	LL NO.		_	M	Ο.	Y	R.	

	PERMIT NUMBER	<u>- </u>		OUTFA			IO. Y	K.	
EFFLUENT CHARAC	TERISTICS	Flow, In		рН	Temperature	Oil & (Grease	Cyani	de, Free
EFFLUENT PARAME	TER NUMBER	Q50050	*****	C00400	C00011	Q00552	C00552	Q00718	C00718
CAMPLE TYPE	Permit Condition	Continuous	*****	Grab	Continuous	Grab	Grab	Grab	Grab
SAMPLE TYPE	Monitored	Continuous	*****	Grab	Continuous	Grab	Grab	Grab	Grab
FREQUENCY	Permit Condition	5/Week	*****	5/Week	5/Week	5/Week	5/Week	2/Month	2/Month
FREQUENCT	Monitored	Daily	*****	5/Week	Daily	5/Week	5/Week	2/Month	2/Month
EFFLUENT	Permit Minimum	*****	*****	6.0	*****	*****	*****	*****	*****
LIMITATIONS	Permit Average	Report	*****	*****	Report	Report	Report	1.2	0.0075
EIMITATIONO	Permit Maximum	Report	*****	9.0	Report	Report	Report	2.1	0.013
	UNITS =	MGD		SU	°F	Lbs/day	mg/L	Lbs/day	mg/L
	01	16.20			64.0				
	02	15.71		7.6	62.9	< 170	< 1.3		
	03	14.64		7.5	61.5	< 159	< 1.3	< 0.12	< 0.001
	04	14.46		7.8	58.2	< 157	< 1.3		
	05	14.78		7.9	58.4	173	1.4		
	06	14.65		7.4	60.4				
	07	15.37			64.3	100			
	08	14.61			63.7				
		13.95		7.7	64.5	. 454	< 1.3		
	09								0.004
	10	13.89		7.6	63.6			< 0.12	< 0.001
	11	13.33		7.9	60.0	211	1.9		
	12	13.33		7.5	60.8	245	2.2		
	13	13.07		7.8	58.7	229	2.1		
	14	13.53			58.5				
	15	14.71		7.8	63.0				
	16	16.02		7.5	65.0	< 174	< 1.3		
	17	15.69		7.7	66.0				
	18	16.36		7.7	67.6				
	19	16.83		7.7	70.9				
	20	16.79		7.6	69.0	406	2.9		
				7.0			2.9		
	21	17.09			71.5				
	22	17.05			72.4				
	23	16.44		7.8	71.0				
	24	16.77		7.5	72.5	< 182	< 1.3		
	25	16.88		7.7	74.6	< 183	< 1.3		
	26	17.28		7.6	72.2	< 187	< 1.3		
	27	16.57		7.8	67.8	< 180	< 1.3		
	28	16.75			71.8				
	29	18.26			71.1				
	30	16.24		7.8	69.4	203	1.5		
	30	15.24		7.0	30.4	203	1.0		
MONTHLY AVERAGI	E	15.57			65.8	0	0	0	
				7.0		_			
HIGHEST VALUE		18.26		7.9	74.6		2.9		
LOWEST VALUE		13.07		7.4	58.2	< 151	< 1.3	< 0.12	< 0.001
NO. OF TIMES WEEL		_		_	_		_	_	_
EFFL. LIMITATIONS		0		0	0	0	0	0	0
Highlighted Monthly A	Averages are LOQ base	ed calculations	Highligh	nted daily values	ara / 1 00 & >-	-IOD and are	not auantifia	hla	

Highlighted Monthly Averages are LOQ based calculations.

Highlighted daily values are <LOQ & >= LOD, and are not quantifiable.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Mark Henry	5/21/2017
(SIGNATURE OF CERTIFIED OPERATOR)	DATE
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219.763.5869	WW020376
PHONE NUMBER	CERTIFICATION NO.
Joseph E. Hanning	5/04/0047

(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)

Joseph E. Hanning, Manager Environmental Control

Page 3 of 22

5/21/2017

MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

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SAI	MPLE T	YPE	Permit (on		omp24 omp24		Comp24 Comp24		Comp24 Comp24		Comp24 Comp24	Com		Comp24 Comp24	Grab	Grab				
			_					Permit Condition			Month		2/Month		2/Month		2/Month	2/Mc		2/Month	Daily	Daily
FR	REQUEN	ICY	Monitor		011		Month		2/Month	<u> </u>	2/Month		2/Month	2/Mc		2/Month		,				
	FFLUE	J.T.	Permit I	Minimu	ım	,	*****		*****		*****		*****	***	***	*****	*****	*****				
	MITATIC		Permit A	Averag	е	(0.012		0.076		1.2		0.0077	4.		0.03	1.3	0.01				
			Permit				0.10	\perp	0.64		2.1		0.013	8.		0.052	9.51	0.02				
			10	NITS =		LI	os/day		ug/L		Lbs/day		mg/L	Lbs/	day	mg/L	Lbs/day	mg/L				
					01																	
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					03	<	0.00)9 <	0.0)70 <	0.009	<	0.000070		0.24	0.0020						
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			law that th										Mark He	enry				104/0047				
			ction or su				with a syst r and evali			_			NATURE OF CERT				5/	21/2017				

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219.763.5869	WW020376
PHONE NUMBER	CERTIFICATION NO.
Joseph E. Hanning	E/04/0047

(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER) Joseph E. Hanning, Manager Environmental Control

Page 4 of 22

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MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

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I N 0	0 0 0	3 3	7	0 0	4 A	0	4 1	7	
	PERMIT NUMBE			OUTFAI		M			
EFFLUENT CHARAC		Mercury, Tot		Flow,			otal Recov.		otal Recov.
EFFLUENT PARAME		Q71901	C71901	Q82220	*****	Q01074	C01074	Q01114	C01114
SAMPLE TYPE	Permit Condition	Grab	Grab	RCOTOT	*****	Comp24	Comp24	Comp24	Comp24
	Monitored	Grab 6/Year	Grab 6/Year	RCOTOT Monthly	*****	Comp24 2/Month	Comp24 2/Month	Comp24 2/Month	Comp24 2/Month
FREQUENCY	Permit Condition Monitored	6/Year	6/Year	Monthly	*****	2/Month	2/Month	2/Month	2/Month
	Permit Minimum	*****	*****	*****	*****	*****	*****	*****	*****
EFFLUENT	Permit Average	Report	Report	*****	*****	Report	Report	Report	Report
LIMITATIONS	Permit Maximum	Report	Report	Report	*****	Report	Report	Report	Report
	UNITS =	Lbs/day	ng/L	MGAL/MO					
	01		·						
	02								
	03					0.33	0.0027	0.02	0.00020
	04					0.00	0.0021	0.02	0.00020
	05								
		0.00003	0.38						
	06	0.00003	0.28						
	07								
	08								
	09								
	10					0.19	0.0016	0.02	0.00019
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MONTHLY AVERAG	E	0	0			0	0	0	0
HIGHEST VALUE		0.00003	0.28	467.20		0.33	0.0027	0.02	0.00020
LOWEST VALUE		0.00003	0.28			0.19	0.0016	0.02	0.00019
NO. OF TIMES WEEKLY OR DAILY			_	_					
EFFL. LIMITATIONS	EXCEEDED	0	0	0					
Logrify under popular of	law that this document and	d all attachments were		ted daily values			not quantifiable	•	
	pervision in accordance wi				Mark	Henry			5/21/2017
	properly gather and evalua			(S	IGNATURE OF CER	RTIFIED OPERATO	R)	-	DATE

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Joseph E. Hanning	5/21/2017

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Joseph E. Hanning, Manager Environmental Control

DATE

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FREQUENCY EFFLUENT LIMITATIONS	Permit Condition Monitored Permit Condition Monitored Monitored Permit Minimum Permit Average Permit Maximum	Flow, In Q50050 TOTALZ TOTALZ 5/Week Daily ****** Report	***** ***** ***** ***** *****	OUTFA pH C00400 Grab Grab 5/Week	LE NO.	Solids, Total Q00530 Comp24	Suspended C00530	R. Oil & C Q00552	Grease C00552
SAMPLE TYPE FREQUENCY EFFLUENT LIMITATIONS	Permit Condition Monitored Permit Condition Monitored Permit Minimum Permit Average Permit Maximum	Q50050 TOTALZ TOTALZ 5/Week Daily	***** ***** ***** ***** *****	C00400 Grab Grab 5/Week		Q00530	C00530	Q00552	
FREQUENCY EFFLUENT LIMITATIONS	Monitored Permit Condition Monitored Permit Minimum Permit Average Permit Maximum	TOTALZ 5/Week Daily	***** *****	Grab 5/Week		Comp24	Com=04		
FREQUENCY EFFLUENT LIMITATIONS	Monitored Permit Condition Monitored Permit Minimum Permit Average Permit Maximum	5/Week Daily *****	*****	Grab 5/Week			Comp24	3Grab24H	3Grab24H
EFFLUENT LIMITATIONS	Monitored Permit Minimum Permit Average Permit Maximum	Daily *****	*****			Comp24	Comp24	3Grab24H	3Grab24H
EFFLUENT LIMITATIONS	Permit Minimum Permit Average Permit Maximum	*****				5/Week	5/Week	5/Week	5/Week
EFFLUENT LIMITATIONS	Permit Average Permit Maximum		de de de de de de	5/Week		5/Week	5/Week	5/Week	5/Week
LIMITATIONS	Permit Maximum	Report	*****	Report		*****	*****	*****	*****
LIMITATIONS		1100011	*****	*****		Report	Report	*****	Report
		Report	*****	Report		Report	Report	Report	Report
	UNITS =	MGD		SU		Lbs/day	mg/L	Lbs/day	mg/L
	01	9.22							
	02	8.55		7.9		214	3.0	< 91.3	< 1.3
	03	8.30		7.9		187	2.7	< 102	< 1.5
	04	8.00		8.0		134	2.0	< 85.5	
	05	7.84		8.0		205	3.1		< 1.8
		8.07		8.1					
	06			0.1		114	1.7	< 87.5	
	07	9.02						< 163	< 2.2
	08	8.49						< 179	< 2.5
	09	7.75		8.1		168	2.6	< 84.1	< 1.3
	10	7.55		8.2		120	1.9	109	1.7
	11	6.29		8.1		142	2.7	< 82.2	< 1.6
	12	6.47		8.0		702	13	115	2.1
	13	6.74		7.9		371	6.6	95.6	1.7
	14	7.42		7.0		211	3.4		
	15	9.11		8.0		160	2.1		< 1.8
	16	9.47		8.1		150	1.9		
	17	8.40		7.6		217	3.1		< 1.6
	18	9.59		8.0		136	1.7	< 171	< 2.1
	19	9.84		7.8		164	2.0	< 131	< 1.6
	20	10.53		7.9		228	2.6	< 114	< 1.3
	21	10.05							
	22	9.86							
	23	9.33		8.1		156	2.0	< 101	< 1.3
	24	9.99		7.9		142		< 114	< 1.4
		10.12		8.1					
	25					203	2.4		< 1.8
	26	10.65		8.0		240	2.7		
	27	8.45		7.9		91.7	1.3	< 113	< 1.6
	28	11.27							
	29	10.65							
	30	9.55		8.0		167	2.1	< 109	< 1.4
MONTHLY AVERAGE		8.89				148	2.3	0	0
HIGHEST VALUE		11.27		8.2		702	13	179	2.5
LOWEST VALUE		6.29		7.6		92	1.3		
	O. OF TIMES WEEKLY OR DAILY			7.0		JZ	1.0	. 30	1.0
EFFL. LIMITATIONS E		0		0 nted daily values		0	0	0	0

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Mark Henry	5/21/2017
(SIGNATURE OF CERTIFIED OPERATOR)	DATE
Mark Henry	
219.763.5869	WW020376
PHONE NUMBER	CERTIFICATION NO.
Joseph E. Hanning	5/21/2017

(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER) Joseph E. Hanning, Manager Environmental Control

Page 8 of 22



MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

U.S. Steel Corporation Midwest Plant

ACILITY NAME AND ADDRESS:

6300 US HWY 12 MS AE-1 Portage, IN 46368-1287 PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH. THIS REPORT MUST BE POSTMARKED NO LATER THAN THE

28TH OF THE FOLLOWING MONTH.

Indiana Dept. of Environmental Management Office of Water Quality / Data Management Section

P.O. Box 6015

Indianapolis, Indiana 46206-6015

I N 0	0 0 0 PERMIT NUMBER	3 3	7	1 0 OUTFAI	4 A	0 M	4 1 O. YR	7	
FFLUENT CHARAG		Cyanide	Total	Fluoride			otal Recov.	Silver, To	tal Pocov
EFFLUENT PARAME		Q00720	C00720	Q00951	C00951	Q01074	C01074	Q01079	C01079
IT LOUIT I AIVAINE	Permit Condition	Grab	Grab	Comp24	Comp24	Comp24	Comp24	Comp24	Comp24
SAMPLE TYPE	Monitored	Grab	Grab	Comp24	Comp24	Comp24	Comp24	Comp24	Comp24
	Permit Condition	5/Week	5/Week	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly
FREQUENCY	Monitored	5/Week	5/Week	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly
FEELLIENT	Permit Minimum	*****	*****	*****	*****	*****	*****	*****	*****
EFFLUENT LIMITATIONS	Permit Average	Report	Report	Report	Report	Report	Report	Report	Report
LIMITATIONS	Permit Maximum	Report	Report	Report	Report	Report	Report	Report	Report
	UNITS =	Lbs/day	mg/L	Lbs/day	mg/L	Lbs/day	mg/L	Lbs/day	mg/L
	01								
	02	< 0.14	< 0.0020						
	03	< 0.14	< 0.0020	13.85	0.20	0.30	0.0043	< 0.0048 <	0.00007
	04	< 0.13	< 0.0020						
	05	< 0.13	< 0.0020						
	06	< 0.13	< 0.0020					İ	
-	07	< 0.15	< 0.0020					İ	
	08		-						
	09	< 0.13	< 0.0020						
	10	< 0.13							
	11								
	12	< 0.10	< 0.0020						
	13		< 0.0020						
		< 0.11	< 0.0020						
	14								
	15	< 0.15							
	16	< 0.16							
	17	< 0.14							
	18	< 0.16							
	19	< 0.16							
	20	< 0.18	< 0.0020						
	21								
	22								
	23	< 0.16	< 0.0020						
	24	< 0.17	< 0.0020						
	25	< 0.17	< 0.0020						
	26	< 0.18	< 0.0020						
	27	< 0.14	< 0.0020					ĺ	
	28							i	
	29								
	30	< 0.16	< 0.0020						
MONTHLY AVERAG	E	0	0	13.85	0.20	0.30	0.0043	0	
HIGHEST VALUE		< 0.18	_	13.85	0.20	0.30	0.0043		< 0.00007
OWEST VALUE		< 0.10		13.85	0.20	0.30	0.0043		
NO. OF TIMES WEE	KLY OR DAILY	0.10	0.0020	10.00	0.20	0.30	0.0043	0.000	0.00007
FFL. LIMITATIONS		0	0	0	0	0	0	0	0

prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

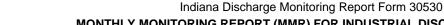
Mark Herrry	5/21/2017
(SIGNATURE OF CERTIFIED OPERATOR)	DATE
Mark Henry	
219.763.5869	WW020376
PHONE NUMBER	CERTIFICATION NO.
Joseph E. Hanning	E /04 /0047

(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER) Joseph E. Hanning, Manager Environmental Control

Page 9 of 22

5/21/2017

DATE





Revision Pending Approval - September 2003

U.S. Steel Corporation Midwest Plant 6300 US HWY 12 MS AE-1 Portage, IN 46368-1287

FACILITY NAME AND ADDRESS:

PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH. THIS REPORT MUST BE POSTMARKED NO LATER THAN THE

28TH OF THE FOLLOWING MONTH. Mail To:

Indiana Dept. of Environmental Management Office of Water Quality / Data Management Section

P.O. Box 6015

Indianapolis, Indiana 46206-6015

I	N	0	0	0	0	3	3	7	1	0	4	Α	L	0	4	1	7]	
				MIT NU	JMBER	_					ALL I				10.	YR.			
EFFLUE								al Recov.	_	Cadmium	_				otal R		_		n, Total Recov.
EFFLUE	NT PA						1094	C01094		01113		C01113	Q011			01114		1118	C01118
SAM	PLE TY	PE	Permit (on		np24	Comp24		omp24		Comp24	Comp			omp24		np24	Comp24
			Monitor		_		np24 /eek	Comp24 5/Week		omp24 lonthly		Comp24 Monthly	Comp Month			omp24 lonthly	5/W	np24	Comp24 5/Week
FRE	QUEN	CY	Permit (Monitor		on		/eek	5/Week		lonthly		Monthly	Month			lonthly		/eek	5/Week
			Permit I		m		****	*****		*****		*****	****			*****		****	*****
	FLUEN		Permit /		_	Re	port	Report	F	Report		Report	Repo	rt	F	Report	Rei	port	Report
LIMI	TATION	NS	Permit I				port	Report		Report		Report	Repo			Report		port	Report
				NITS =			/day	mg/L	L	bs/day		mg/L	Lbs/d			mg/L		/day	mg/L
					01													\neg	
					02		0.78	0.0	11									0.65	0.0091
					03		0.61	0.008	38 <	0.005	<	0.000070		0.02		0.00023		0.67	0.0097
					04		0.73	0.0										0.73	0.011
					05		1.11	0.0	-									1.77	0.027
					06		0.81	0.0										0.94	0.014
					07		0.0.	0.0	-									0.0 .	0.011
					08				+									$\overline{}$	
					09		0.78	0.0	12									1.55	0.024
					10		0.79	0.00	_									139	
					11		0.63	0.00	_									157	3.0
-					12		0.63	0.0	_								 	1.57	0.029
-					13		0.59	0.0	-								 	0.67	0.029
																	_		
					14		0.74	0.0	_								_	0.32	0.0052
					15		0.84	0.0										0.2	0.0026
					16		0.87	0.0	_								<u> </u>	0.11	0.0014
					17		0.91	0.0										0.08	0.0012
					18		1.04	0.0	_									0.07	0.00085
					19		1.64	0.02									<u> </u>	0.15	0.0018
					20		1.05	0.0	-								<u> </u>	0.18	0.0021
					21		0.82	0.009									<u> </u>	0.09	0.0011
					22		0.91	0.0	_									0.28	
					23		0.86	0.0									<u> </u>	0.31	0.0040
					24		0.82	0.009	98									0.19	
					25		0.84	0.0	10									0.36	0.0043
					26		1.16	0.0	13									0.24	0.0027
					27		0.92	0.0	13									0.06	0.00084
					28		0.90	0.009	96									0.12	0.0013
					29		0.80	0.009	90									0.19	0.0021
					30		0.79	0.009	99									0.07	0.00088
MONTH	ILY AVE	ERAGE					0.86	0.01	17	0		0		0		0		11.3	0.20
HIGHES	ST VAL	UE					1.64	0.02	20 <	0.005	<	0.000070		0.02		0.00023		157	3.0
LOWES	T VALU	JE					0.59	0.008	38 <	0.005	<	0.000070		0.02		0.00023		0.1	0.00084
NO. OF																			
EFFL. L	IMITAT	IONS	EXCEE	DED			0	0		0		0	0			0	(0	0
								Highli	ghted da	aily values	are <l< td=""><td>LOQ & >= LO</td><td>D, and ar</td><td>e no</td><td>t quanti</td><td>fiable.</td><td></td><td></td><td></td></l<>	LOQ & >= LO	D, and ar	e no	t quanti	fiable.			

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Mark Henry	5/21/2017
(SIGNATURE OF CERTIFIED OPERATOR)	DATE
Mark Henry	
219.763.5869	WW020376
PHONE NUMBER	CERTIFICATION NO.
Joseph E. Hanning	5/21/2017

(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER) Joseph E. Hanning, Manager Environmental Control

Page 10 of 22





Revision Pending Approval - September 2003
PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH.

FACILITY NAME AND ADDRESS:

U.S. Steel Corporation Midwest Plant 6300 US HWY 12 MS AE-1 Portage, IN 46368-1287 THIS REPORT MUST BE POSTMARKED NO LATER THAN THE 28TH OF THE FOLLOWING MONTH.

Mail To: Indiana Dept. of Environmental Management

Office of Water Quality / Data Management Section

P.O. Box 6015

Indianapolis, Indiana 46206-6015

I N	0	0	0 0	3	3	7	1	0	4	Α	0	4 MO.		7		
PERMIT NUMBER EFFLUENT CHARACTERISTICS					1 01		ALL NO			YR						
				_		tal Recov. C01119		romiun				nioro	ethylene	Naphthalene Q34696 C34696		
EFFLUENT PA	KAIVIE				1119			1220)1220	Q34475	+	C34475		_	
SAMPLE TY	/PE	Permit Condition Monitored			np24 np24	Comp24		irab irab		Grab Grab	Grab Grab	+-	Grab Grab	Grab Grab	+	Grab Grab
		Permit Condition			nthly	Comp24 Monthly		eekly		eekly	Monthly	+	Monthly	Monthly	+	Monthly
FREQUEN	CY	Monitor			nthly	Monthly		eekly		eekly	Monthly	+	Monthly	Monthly	-	Monthly
			Minimum		****	*****		****		****	*****	+	*****	*****	+	*****
EFFLUEN			Average	Re	port	Report	Re	eport	R	eport	*****	+	Report	*****	+	*****
LIMITATION	NS		Maximum		port	Report		eport		eport	Report	+	Report	Report	+	Report
			NITS =		s/day	mg/L		s/day		ng/L	Lbs/day		mg/L	Lbs/day		mg/L
		01	01	LDC	, ady	mg/L	LD	3/ddy		119/ L	LD3/ddy	_	mg/L	LD3/GGy	_	mg/L
				1											-	
			02	1								_			_	
			03		0.33	0.0048	3				< 0.0	2 <	0.00027	< 0.	01 <	0.0001
			04				<	0.003	<	0.000047						
			05													
			06													
			07													
			08									1			T	
			09	1								+			\pm	
			10									+			+	
							1	000.0		47.0		+			+	
			11	1				902.8		17.2		_			_	
			12					1.782		0.033						
			13				<	0.112	<	0.0020						
			14				<	0.124	<	0.0020						
			15													
			16				<	0.004	<	0.000047						
			17				<	0.003	<	0.000047						
			18				<	0.004	<	0.000047					_	
			19				<	0.004	<	0.000047		+			+	
							<	0.004	<	0.000047		+			+	
			20	1			<u> </u>								-	
			21				<	0.004	<	0.000047						
			22				<	0.004	<	0.000047						
			23				<	0.004	<	0.000047						
			24					0.027		0.00032						
			25				<	0.004	<	0.000047						
			26				<	0.004	<	0.000047						
			27	1			<	0.003		0.000047	Ì	1		Ì	\top	
			28	1			<	0.004	<	0.000047		+			\pm	
			29			<u> </u>		0.004		0.000047		+			+	
							1		<			+			+	
			30	 			<	0.004	<	0.000047	ļ	+		ļ	+	
															_	
MONTHLY AVE					0.33	0.0048	_	45.2		0.86		0	0		0	
HIGHEST VAL	UE				0.33	0.0048	3	902.8		17.2	< 0.0	2 <	0.00027	< 0.	01 <	0.0001
LOWEST VALU	JE				0.33	0.0048	3 <	0.003	<	0.000047	< 0.0	2 <	0.00027	< 0.	01 <	0.0001
NO. OF TIMES EFFL. LIMITAT					0	0 Highlig		0		0	0		0	0		0

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

thou daily values are store as a restrict quantitiasis.	
Mark Henry	5/21/2017
(SIGNATURE OF CERTIFIED OPERATOR)	DATE
Mark Henry	
219.763.5869	WW020376
PHONE NUMBER	CERTIFICATION NO.
Joseph E. Hanning	5/21/2017
(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)	DATE

Joseph E. Hanning, Manager Environmental Control

Page 11 of 22



MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH. ACILITY NAME AND ADDRESS:

U.S. Steel Corporation Midwest Plant 6300 US HWY 12

MS AE-1 Portage, IN 46368-1287 THIS REPORT MUST BE POSTMARKED NO LATER THAN THE 28TH OF THE FOLLOWING MONTH.

Indiana Dept. of Environmental Management

Office of Water Quality / Data Management Section P.O. Box 6015

					l		, polic, malana 10200		
I N 0	0 0 0	3 3	7	1 0	4 A	0	4 1	7	
	PERMIT NUMBER			OUT	FALL NO.	M	IO. YR.		
EFFLUENT CHARAC		Total Tox	ic Organics						
EFFLUENT PARAME	ETER NUMBER	Q78224	C78224						
SAMPLE TYPE	Permit Condition	Comp24	Comp24						
SAMPLE ITPE	Monitored								
FREQUENCY	Permit Condition	Monthly	Monthly						
TREGOLINGT	Monitored								
EFFLUENT	Permit Minimum	*****	*****						
LIMITATIONS	Permit Average	Report	Report						
LIMITATIONO	Permit Maximum	Report	Report						
	UNITS =	Lbs/day	mg/L						
	01								
	02								
	03								
	04								
	05								
	06								
	07								
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	09								
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	27								
	28								
	29								
	30								
MONTHLY AVERAG	E	NA	NA						
HIGHEST VALUE		NA	NA						
LOWEST VALUE		NA	NA						
NO. OF TIMES WEE	KLY OR DAILY	101	747						
EFFL. LIMITATIONS		0	0	0	0	0	0	0	0
		<u> </u>			re <loq &="">= LOD,</loq>			<u> </u>	· · · · · · · · · · · · · · · · · · ·
I certify under penalty of	law that this document an	d all attachments we	ere						
prepared under my direc	ction or supervision in acco	ordance with a system	m	·	Mark H				5/21/2017
	qualified personnel proper				(SIGNATURE OF CER		R)		DATE
information submitted. I	Based on my inquiry of the	persons who mana	ge the		Mark H	lenry			

system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

(GIOWATORE OF GERTIFIED OF ERWATOR)	BATE
Mark Henry	
219.763.5869	WW020376
PHONE NUMBER	CERTIFICATION NO.
Joseph E. Hanning	5/21/2017

(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER) Joseph E. Hanning, Manager Environmental Control

Page 12 of 22

Based on my inquiry of the persons directly responsible for managing compliance with the permit limitations for TTO, I certify that, to the best of my knowledge and belief, no disposal of concentrated toxic organics into the wastewaters has occurred since filing of the last discharge monitoring report. I further certify that this facility is implementing the Toxic Organic Pollutant Management Plan submitted to the Compliance Evaluation Section of the Office of Water Quality, as required by this permit.

Attachment

Footnotes to netDMR Entries

- Where samples were collected at Outfall 104 and 204 on the same day, the mass value reported
 at Outfall 304 is the sum of the mass loading at Outfall 104 and 204. The resulting mass at
 Outfall 304 and the sum of the daily totalized flow at Outfall 104 and 204 are used to calculate
 the resulting concentration in the blended discharge. This approach was performed for each
 parameter individually.
- 2. Outfall 104 and 204 both have a continuously operated dedicated flow totalizer. As such, the Outfall 304 flow data is the sum of the totalized flow at Outfall 104 and 204 daily.
- 3. On April 11 and 22, 2017 there was flow at Outfall 104 at the time of grab sampling for routine NPDES analysis, but there was no flow at Outfall 204. On those two dates, the Outfall 304 mass loading values for hexavalent chromium was the sum of: the mass loading values of Outfall 104, and the mass loading values of outfall 204 with the 204 values being zero.
- 4. On April 13 and 14, 2017 grab samples were collected for hexavalent chromium analysis from Outfall 104. No corresponding grab samples were collected from Outfall 204 since the weekly routine NPDES monitoring frequency for hexavalent chromium had been satisfied with the samples to date. The Outfall 104 samples collected on these two days are included in the Outfall 104 reporting, but excluded from Outfall 304 reporting.
- 5. Oil and grease is required to be collected as a grab sample 3 times per day, spaced equally across a 24-hour period. Where intermittent operations discharging through 204 allowed for at least one grab sample to be obtained but less than three, the one grab sample or the arithmetic mean of the two samples is provided as the value for the 24-hour period.
- 6. Total cyanide is required to be analyzed 5 x weekly as a once daily grab. At the routine scheduled time of the grab sample, no flow was present during the week of April 9 through 15, 2017, except for April 12, 2017 when collection of a sample was successful.
- 7. The daily loading of hexavalent chromium reported for April 11, 2017 at Outfall 304 is based on a single grab sample collected on the day of the incident and is not representative of the actual loading on this day. The 24-hour composite sample result for total chromium reported at Outfall 304 was 204 lb/day. Since hexavalent chromium is a subset of total chromium, it is clear that the grab sample does not account for variation in the discharge concentration that resulted from the nature of the incident on this day and any attempt to derive the daily loading from this grab sample yields an absurd result. This high result from the grab sample also skewed the monthly average of 50.26 lb/day of hexavalent chromium, which likewise is a significant overestimation and illogical conclusion.

Based on my inquiry of the persons directly responsible for managing compliance with the permit limitations for TTO, I certify that, to the best of my knowledge and belief, no disposal of concentrated toxic organics into the wastewaters has occurred since filing of the last discharge monitoring report. I further certify that this facility is implementing the Toxic Organic Pollutant Management Plan submitted to the Compliance Evaluation Section of the Office of Water Quality, as required by this permit.

Attachment

Footnotes to netDMR Entries

- Where samples were collected at Outfall 104 and 204 on the same day, the mass value reported
 at Outfall 304 is the sum of the mass loading at Outfall 104 and 204. The resulting mass at
 Outfall 304 and the sum of the daily totalized flow at Outfall 104 and 204 are used to calculate
 the resulting concentration in the blended discharge. This approach was performed for each
 parameter individually.
- 2. Outfall 104 and 204 both have a continuously operated dedicated flow totalizer. As such, the Outfall 304 flow data is the sum of the totalized flow at Outfall 104 and 204 daily.
- 3. On April 11 and 22, 2017 there was flow at Outfall 104 at the time of grab sampling for routine NPDES analysis, but there was no flow at Outfall 204. On those two dates, the Outfall 304 mass loading values for hexavalent chromium was the sum of: the mass loading values of Outfall 104, and the mass loading values of outfall 204 with the 204 values being zero.
- 4. On April 13 and 14, 2017 grab samples were collected for hexavalent chromium analysis from Outfall 104. No corresponding grab samples were collected from Outfall 204 since the weekly routine NPDES monitoring frequency for hexavalent chromium had been satisfied with the samples to date. The Outfall 104 samples collected on these two days are included in the Outfall 104 reporting, but excluded from Outfall 304 reporting.
- 5. Oil and grease is required to be collected as a grab sample 3 times per day, spaced equally across a 24-hour period. Where intermittent operations discharging through 204 allowed for at least one grab sample to be obtained but less than three, the one grab sample or the arithmetic mean of the two samples is provided as the value for the 24-hour period.
- 6. Total cyanide is required to be analyzed 5 x weekly as a once daily grab. At the routine scheduled time of the grab sample, no flow was present during the week of April 9 through 15, 2017, except for April 12, 2017 when collection of a sample was successful.
- 7. The daily loading of hexavalent chromium reported for April 11, 2017 at Outfall 304 is based on a single grab sample collected on the day of the incident and is not representative of the actual loading on this day. The 24-hour composite sample result for total chromium reported at Outfall 304 was 204 lb/day. Since hexavalent chromium is a subset of total chromium, it is clear that the grab sample does not account for variation in the discharge concentration that resulted from the nature of the incident on this day and any attempt to derive the daily loading from this grab sample yields an absurd result. This high result from the grab sample also skewed the monthly average of 50.26 lb/day of hexavalent chromium, which likewise is a significant overestimation and illogical conclusion.

Based on my inquiry of the persons directly responsible for managing compliance with the permit limitations for TTO, I certify that, to the best of my knowledge and belief, no disposal of concentrated toxic organics into the wastewaters has occurred since filing of the last discharge monitoring report. I further certify that this facility is implementing the Toxic Organic Pollutant Management Plan submitted to the Compliance Evaluation Section of the Office of Water Quality, as required by this permit.

Attachment

Footnotes to netDMR Entries

- Where samples were collected at Outfall 104 and 204 on the same day, the mass value reported
 at Outfall 304 is the sum of the mass loading at Outfall 104 and 204. The resulting mass at
 Outfall 304 and the sum of the daily totalized flow at Outfall 104 and 204 are used to calculate
 the resulting concentration in the blended discharge. This approach was performed for each
 parameter individually.
- 2. Outfall 104 and 204 both have a continuously operated dedicated flow totalizer. As such, the Outfall 304 flow data is the sum of the totalized flow at Outfall 104 and 204 daily.
- 3. On April 11 and 22, 2017 there was flow at Outfall 104 at the time of grab sampling for routine NPDES analysis, but there was no flow at Outfall 204. On those two dates, the Outfall 304 mass loading values for hexavalent chromium was the sum of: the mass loading values of Outfall 104, and the mass loading values of outfall 204 with the 204 values being zero.
- 4. On April 13 and 14, 2017 grab samples were collected for hexavalent chromium analysis from Outfall 104. No corresponding grab samples were collected from Outfall 204 since the weekly routine NPDES monitoring frequency for hexavalent chromium had been satisfied with the samples to date. The Outfall 104 samples collected on these two days are included in the Outfall 104 reporting, but excluded from Outfall 304 reporting.
- 5. Oil and grease is required to be collected as a grab sample 3 times per day, spaced equally across a 24-hour period. Where intermittent operations discharging through 204 allowed for at least one grab sample to be obtained but less than three, the one grab sample or the arithmetic mean of the two samples is provided as the value for the 24-hour period.
- 6. Total cyanide is required to be analyzed 5 x weekly as a once daily grab. At the routine scheduled time of the grab sample, no flow was present during the week of April 9 through 15, 2017, except for April 12, 2017 when collection of a sample was successful.
- 7. The daily loading of hexavalent chromium reported for April 11, 2017 at Outfall 304 is based on a single grab sample collected on the day of the incident and is not representative of the actual loading on this day. The 24-hour composite sample result for total chromium reported at Outfall 304 was 204 lb/day. Since hexavalent chromium is a subset of total chromium, it is clear that the grab sample does not account for variation in the discharge concentration that resulted from the nature of the incident on this day and any attempt to derive the daily loading from this grab sample yields an absurd result. This high result from the grab sample also skewed the monthly average of 50.26 lb/day of hexavalent chromium, which likewise is a significant overestimation and illogical conclusion.



MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

U.S. Steel Corporation Midwest Plant

6300 US HWY 12 MS AE-1

Portage, IN 46368-1287

ACILITY NAME AND ADDRESS:

PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH. THIS REPORT MUST BE POSTMARKED NO LATER THAN THE 28TH OF THE FOLLOWING MONTH.

Mail To: Indiana Dept. of Environmental Management

Office of Water Quality / Data Management Section

P.O. Box 6015

Indianapolis, Indiana 46206-6015

	PERMIT NUMBER				LL NO.			R.	
FFLUENT CHARACT		Flow, In (pН		Solids, Total			Grease
FFLUENT PARAMET		Q50050	*****	C00400		Q00530	C00530	Q00552	C00552
SAMPLE LYPE F	Permit Condition	TOTALZ	*****	Grab		Comp24	Comp24	3Grab24H	3Grab24
I	Monitored	TOTALZ	*****	Grab		Comp24	Comp24	3Grab24H	3Grab24
FREQUENCY F	Permit Condition	5/Week	*****	5/Week		5/Week	5/Week	5/Week	5/Week
	Monitored	Daily *****	*****	5/Week		5/Week *****	5/Week *****	5/Week *****	5/Week
FFFLUENT F	Permit Minimum		*****	Report				*****	
	Permit Average	Report	*****			Report	Report		Report
!	Permit Maximum UNITS =	Report MGD		Report SU		Report Lbs/day	Report mg/L	Report Lbs/day	Report mg/L
	01	0.180		30		LDS/day	IIIg/L	LDS/day	IIIg/L
				0.4			0.4	0.45	
	02	0.155		8.1		4.4	3.4		
	03	0.142		8.3		2.8	2.4		
	04	0.042		7.4		1.4	4.0	< 0.46	<
	05	0.065				1.6	2.86	< 0.71	<
	06	0.096		8.0		2.2	2.7	< 1.04	<
	07	0.066		8.2				< 1.01	<
	08	0.032						< 0.35	<
	09	0.025							
	10	0.027				2.3	10		
	11	0.082		+		205	300	< 0.89	<
	12	0.072		8.2		24.6	41	1.62	_
	13	0.072		0.2		+			
				0.0		10.6	19		
	14	0.063		8.6		10.5	20		<
	15	0.160				26.7	20	2.14	
	16	0.324		8.0		11.1	4.1		
	17	0.352		8.1		12.0	4.1	< 3.82	<
	18	0.295		8.2		13.0	5.3	< 3.20	<
	19	0.307		8.2		7.7	3.0	< 3.33	<
	20	0.297		8.1		8.2	3.3	< 3.22	<
	21	0.256							
	22	0.263							
	23	0.247		8.2		5.4	2.6	< 2.68	<
	24	0.269		8.1		15.3	6.8		<
	25	0.203		8.2		13.8	5.3		
		0.311		8.1					
	26					15.8	5.6		
	27	0.341		8.0		7.4	2.6	< 3.98	<
	28	0.391		1					
	29	0.353							
	30	0.306		8.2		10.5	4.1	< 3.32	<
ONITH WALKEDAGE		0.407				10 =	<i></i>		
ONTHLY AVERAGE		0.197		0.0		18.7	21	0	
GHEST VALUE		0.391 0.025		8.6 7.4		205	300	5.10	_
OWEST VALUE	LV OR DAILY	0.025		7.4		1.4	2.4	< 0.35	<
D. OF TIMES WEEK FFL. LIMITATIONS E		0		0		0	0	0	0

prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Mark Henry	5/21/2017
(SIGNATURE OF CERTIFIED OPERATOR)	DATE
Mark Henry	
219.763.5869	WW020376
PHONE NUMBER	CERTIFICATION NO.
Joseph E. Hanning	5/04/0047

(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)

Joseph E. Hanning, Manager Environmental Control

Page 13 of 22

5/21/2017





MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

U.S. Steel Corporation Midwest Plant 28TH OF THE FOLLOWING MONTH. Indiana Dept. of Environmental Management 6300 US HWY 12 MS AE-1

Portage, IN 46368-1287

ACILITY NAME AND ADDRESS:

PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH. THIS REPORT MUST BE POSTMARKED NO LATER THAN THE

Office of Water Quality / Data Management Section

P.O. Box 6015

Indianapolis, Indiana 46206-6015

I N 0	0 0 0	3 3	7	2 0	4 A	0	4 1	7	
EFFLUENT CHARAC	PERMIT NUMBER		Total	OUTFA		MC	tal Recov.		tal Dansii
		Cyanide		Fluoride		Q01074			tal Recov. C01079
EFFLUENT PARAME		Q00720	C00720	Q00951	C00951		C01074	Q01079	
SAMPLE TYPE	Permit Condition	Grab Grab	Grab Grab	Comp24 Comp24	Comp24 Comp24	Comp24 Comp24	Comp24 Comp24	Comp24 Comp24	Comp24 Comp24
	Monitored Permit Condition	5/Week	5/Week	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly
FREQUENCY	Monitored	5/Week	5/Week	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly
	Permit Minimum	*****	*****	*****	*****	*****	*****	*****	*****
EFFLUENT	Permit Average	Report	Report	Report	Report	Report	Report	Report	Report
LIMITATIONS	Permit Maximum	Report	Report	Report	Report	Report	Report	Report	Report
	UNITS =	Lbs/day	mg/L	Lbs/day	mg/L	Lbs/day	mg/L	Lbs/day	mg/L
	01	, and the second	Ü	,	-	,	J	,	
	02	0.003	0.0024						
	03		< 0.0020	1.30	1.1	0.006	0.0047	< 0.0001 <	< 0.00007
	03		< 0.0020	1.50	1.1	0.000	0.0047	0.0001	0.00007
		< 0.001	<u> </u>						
	05	0.000	0.0000						
	06	< 0.002							
	07	< 0.001	< 0.0020						
	08								
	09								
	10								
	11								
	12	< 0.001	< 0.0020						
	13								
	14								
	15								
	16	< 0.005	< 0.0020						
	17								
	18	< 0.005							
	19	< 0.005							
	20	< 0.005	< 0.0020						
	21								
	22								
	23	< 0.004	< 0.0020						
	24	< 0.004	< 0.0020						
	25	< 0.005	< 0.0020						
	26	< 0.006	< 0.0020						
	27	-	< 0.0020						
	28	1 222							
	29								
	30	< 0.005	< 0.0020						
	30	· 0.005	0.0020						
MONTHLY AVERAG	<u> </u>	0	0	4.00	4.4	0.000	0.0047	0	
MONTHLY AVERAG	C	0	0 0004	1.30	1.1	0.006	0.0047	0	2 222
HIGHEST VALUE		0.006	0.0024	1.30	1.1	0.006	0.0047		
OWEST VALUE		< 0.001	< 0.0020	1.30	1.1	0.006	0.0047	< 0.0001 <	0.00007
NO. OF TIMES WEE	KLY OR DAILY EXCEEDED	0	0	0	0	0	0	0	0

prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing

wark rienry	5/21/2017
(SIGNATURE OF CERTIFIED OPERATOR)	DATE
Mark Henry	
219.763.5869	WW020376
PHONE NUMBER	CERTIFICATION NO.

Joseph E. Hanning (SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER) Joseph E. Hanning, Manager Environmental Control

Page 14 of 22

5/21/2017

DATE





Revision Pending Approval - September 2003

U.S. Steel Corporation Midwest Plant 6300 US HWY 12

MS AE-1

Portage, IN 46368-1287

ACILITY NAME AND ADDRESS:

PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH. THIS REPORT MUST BE POSTMARKED NO LATER THAN THE

28TH OF THE FOLLOWING MONTH.

Mail To: Indiana Dept. of B

Indiana Dept. of Environmental Management Office of Water Quality / Data Management Section

P.O. Box 6015

Indianapolis, Indiana 46206-6015

MIT NUMBER TICS JMBER Condition ed Condition ed Minimum Average Maximum NITS =	Zinc, Tota Q01094 Comp24 Comp24 5/Week 5/Week	C01094 Comp24 Comp24		ALL NO. Total Recov. C01113	MO. Lead, Tota	YR. II Recov. C01114	Chromium, T	
JMBER Condition ed Condition ed Minimum Average Maximum	Q01094 Comp24 Comp24 5/Week 5/Week	C01094 Comp24 Comp24	Q01113		•			
Condition ed Condition ed Minimum Average Maximum	Comp24 Comp24 5/Week 5/Week	Comp24 Comp24		C01113	Q01114	C01114		
ed Condition ed Minimum Average Maximum	Comp24 5/Week 5/Week	Comp24	Comp24				Q01118	C01118
Condition ed Minimum Average Maximum	5/Week 5/Week	•		Comp24	Comp24	Comp24	Comp24	Comp24
ed Minimum Average Maximum	5/Week		Comp24	Comp24	Comp24	Comp24	Comp24	Comp24
Minimum Average Maximum		5/Week 5/Week	Monthly Monthly	Monthly Monthly	Monthly Monthly	Monthly Monthly	5/Week 5/Week	5/Week 5/Week
Average Maximum	*****	5/ vveek *****	*****	*****	*****	*****	5/ VVEEK *****	3/VVEEK
Maximum	Report	Report	Report	Report	Report	Report	Report	Report
	Report	Report	Report	Report	Report	Report	Report	Report
	Lbs/day	mg/L	Lbs/day	mg/L	Lbs/day	mg/L	Lbs/day	mg/L
01		<i>J</i>	,	3	,	3		
02	0.028	0.022					0.34	0.
03	0.020	0.0022	< 0.0001	< 0.000070	0.0002	0.00016	0.26	0.
			< 0.0001	< 0.000070	0.0002	0.00016		
04	0.009	0.027					0.10	0.
05	0.011	0.021					0.09	0
06	0.026	0.032					0.16	0
07	ļ							
80	ļ							
09								
10	0.007	0.033					0.19	0
11	0.233	0.34					46.5	
12	0.032	0.054					6.61	
13	0.014	0.025					2.40	
14	< 0.010	< 0.019					1.42	:
15	< 0.025	< 0.019					0.25	0.
16	< 0.051	< 0.019					0.41	0.
17	< 0.056	< 0.019					0.41	0
18	0.030	0.012					1.53	0.
19	0.033	0.013					1.00	0
20	0.023	0.0092					0.37	0
21	0.025	0.0068					0.41	0
22	0.015	0.000					0.41	0.
23	0.027	0.013					0.91	0.
24	0.027	0.012					1.01	0
25	0.034	0.013					1.76	0.
26	0.020	0.0072					0.51	0.
27	0.034	0.012					0.74	0.
28	0.026	0.0081					0.65	0.
29	0.023	0.0079			<u> </u>	<u> </u>	0.41	0.
30	0.020	0.0077					0.41	0.
	< 0.029	< 0.0283	0	0	0	0	2.68	
	0.233	0.34	< 0.0001	< 0.000070	0.0002	0.00016	46.5	
	< 0.007	< 0.0068	< 0.0001	< 0.000070	0.0002	0.00016	0.09	0
	0	0	0	0	0	0	0	0
		30 0.020 < 0.029 0.233 < 0.007	30 0.020 0.0077 < 0.029 < 0.0283 0.233 0.34 < 0.007 < 0.0068 ILY 0 0 0	30 0.020 0.0077 < 0.029 < 0.0283 0 0.233 0.34 < 0.0001 < 0.007 < 0.0068 < 0.0001 ILY O 0 0 0	30 0.020 0.0077 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30 0.020 0.0077 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30 0.020 0.0077	30 0.020 0.0077 0.41

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Mark nemy	5/21/2017
(SIGNATURE OF CERTIFIED OPERATOR)	DATE
Mark Henry	
219.763.5869	WW020376
PHONE NUMBER	CERTIFICATION NO.

 Joseph E. Hanning
 5/21/2017

 FOR PRINCIPAL EXECUTIVE OFFICER)
 DATE

(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)

Joseph E. Hanning, Manager Environmental Control

Page 15 of 22



MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

U.S. Steel Corporation Midwest Plant 6300 US HWY 12 MS AE-1 Portage, IN 46368-1287 28TH OF THE FOLLOWING MONTH.

Mail To: Indiana Dept. of

Indiana Dept. of Environmental Management Office of Water Quality / Data Management Section

P.O. Box 6015

PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH. THIS REPORT MUST BE POSTMARKED NO LATER THAN THE

Indianapolis, Indiana 46206-6015

EFFLUENT PARAMETER NUMBER	I N 0	0 0 0 PERMIT NUMBER	3 3	7	2 0 OUTE	4 A	0 MC	4 1). YF	7	
EFFLUENT PARAMETER JUNBER CO1119 CO1220 CO1220 CO34775 CO3475 CO34666 CO346666 CO346666 CO346666 CO346666 CO346666 CO346666 CO346666 CO346666 CO346666 C	EEEL LIENT CHARA			tal Bassy						tholono
SAMPLE TYPE										
SAMPLE TYPE Montrord										
Permit Condition Monthly Month	SAMPLE TYPE									
Monthly Mont										
Permit Monimum Permit Monimum Permit Monimum Permit Monimum Permit Monimum Report FREQUENCY		,		•	,	,	,			
Chimitation Permit Average Permit				*****		*****		*****		
Permit Maximum Report Re			Report	Report	Report	Report	*****	Report	*****	*****
01	LIMITATIONS	Permit Maximum	Report	Report		Report	Report	Report	Report	Report
02		UNITS =	Lbs/day	mg/L	Lbs/day	mg/L	Lbs/day	mg/L	Lbs/day	mg/L
0.000		01								
04		02								
05 06 07 07 07 07 07 07 07		03	0.009	0.0077			< 0.0003	< 0.00027	< 0.00012	< 0.00010
06 07 08 08 09 09 09 09 09 09		04			0.0001	0.00022				
06 07 08 08 09 09 09 09 09 09		05								
07									<u> </u>	
08										
10									 	
10										
11										-
12										
13										
14					0.00033	0.00055				
15										
16										
17		15								
18		16			< 0.00013	< 0.000047	•			
19		17			< 0.00014	< 0.000047	•			
20		18			< 0.00012	< 0.000047				
Company Comp		19			< 0.00012	< 0.000047	•			
22		20								
Company		21			< 0.0001	< 0.000047	•			
Company		22								
Comparison of Comparison of		23			< 0.0001	< 0.000047				
25										
Company Comp									 	
27	-									
Company Comp	-									
Comparison of Comparison of									 	
MONTHLY AVERAGE 0.009 0.0077 0.0001 0.000053 0 0 0 0 0 0 0 0 0									-	
MONTHLY AVERAGE 0.009 0.0077 0.0001 0.000053 0										<u> </u>
HIGHEST VALUE 0.009 0.0077 0.0008 0.00055 0.0003 0.00027 0.00010 LOWEST VALUE 0.009 0.0077 0.0001 0.000047 0.0003 0.00027 0.0001 0.00010 NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED 0 <td></td> <td>30</td> <td></td> <td></td> <td>< 0.00012</td> <td>< 0.000047</td> <td></td> <td></td> <td></td> <td> </td>		30			< 0.00012	< 0.000047				
HIGHEST VALUE 0.009 0.0077 0.0008 0.00055 0.0003 0.00027 0.00010 LOWEST VALUE 0.009 0.0077 0.0001 0.000047 0.0003 0.00027 0.0001 0.00010 NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED 0 <td>140151111111111111111111111111111111111</td> <td>.=</td> <td></td> <td></td> <td>0.5</td> <td></td> <td>_</td> <td>_</td> <td>_</td> <td>_</td>	140151111111111111111111111111111111111	.=			0.5		_	_	_	_
LOWEST VALUE 0.009 0.0077 0.0001 0.000047 0.0003 0.00027 0.0001 0.00010 NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED 0		iE					+			
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED 0 0 0 0 0 0 0										
EFFL. LIMITATIONS EXCEEDED 0 0 0 0 0 0			0.009	0.0077	< 0.0001	< 0.000047	< 0.0003	< 0.00027	< 0.0001	< 0.00010
	EFFL. LIMITATIONS	D EVCEENED	0						0	0

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Mark Henry	5/21/2017
(SIGNATURE OF CERTIFIED OPERATOR)	DATE
Mark Henry	
219.763.5869	WW020376
PHONE NUMBER	CERTIFICATION NO.
Joseph E. Hanning	5/21/2017
(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)	DATE

Joseph E. Hanning, Manager Environmental Control

Page 16 of 22



MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

.....

ACILITY NAME AND ADDRESS:

U.S. Steel Corporation Midwest Plant 6300 US HWY 12 MS AE-1 Portage, IN 46368-1287 PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH.
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28TH OF THE FOLLOWING MONTH.
Mail To: Indiana Dept. of Environmental Management

Office of Water Quality / Data Management Section

P.O. Box 6015 Indianapolis, Indiana 46206-6015

I N	0	0	0	0	3	3	7		2	0	4	Α		0	4	1	7	
				UMBER						OUTFA	LL NO.			M	10.	Y	R.	
EFFLUENT C							Organics											
EFFLUENT P	ARAME					3224	C78224											
SAMPLE T	YPE	Permit		on	Con	np24	Comp2	4										
		Monito	red															
FREQUE	NCY	Permit		on	Mor	ithiy	Monthly											
		Monito Permit		m	***	***	*****											+
EFFLUE	NT	Permit			***	***	*****											+
LIMITATIO	ONS	Permit	Maximu	ım	Rei	oort	Report											
			NITS =			/day	mg/L											
				01														
				02														
				03														
				04														1
				05														1
				06														
				07														+
				08														+
				09														+
				10														1
				11														+
				12														+
																		+
				13														
				14														-
				15														
				16														1
				17														1
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				24														
				25														
				26														
				27														
				28														
				29														
				30														
MONTHLY AV	/ERAGE					NA		NA										
HIGHEST VA	LUE					NA		NA										
LOWEST VAI						NA		NA										
NO. OF TIME		KLY OR	DAILY															
EFFL. LIMITA					()	0				L_				<u> </u>			<u> </u>
							Hig	hligh	ted dail	y values	are <l0< td=""><td>OQ & >=</td><td>= LOD, a</td><td>and are</td><td>e not qua</td><td>antifial</td><td>ole.</td><td></td></l0<>	OQ & >=	= LOD, a	and are	e not qua	antifial	ole.	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

ingritod daily values are 120 Q a = 200, and are not quantinal	
Mark Henry	5/21/2017
(SIGNATURE OF CERTIFIED OPERATOR)	DATE
Mark Henry	
219.763.5869	WW020376
PHONE NUMBER	CERTIFICATION NO.
Joseph E. Hanning	5/21/2017
(CICNATURE OF PRINCIPAL EXECUTIVE OFFICER)	DATE

Page 17 of 22

Joseph E. Hanning, Manager Environmental Control



U.S. Steel Corporation Midwest Plant

6300 US HWY 12

Portage, IN 46368-1287

MS AE-1

MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

ACILITY NAME AND ADDRESS: PLEASE COMP

PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH.
THIS REPORT MUST BE POSTMARKED NO LATER THAN THE
28TH OF THE FOLLOWING MONTH.

Mail To: Indiana Dept. of Envir

Indiana Dept. of Environmental Management
Office of Water Quality / Data Management Section

P.O. Box 6015 Indianapolis, Indiana 46206-6015

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 PERMIT NUMBER
 OUTFALL NO.
 MO.
 YR.

	PERMIT NUMBER			OUTFA		IVI	•	K.	
EFFLUENT CHARAC		Flow, In		Solids, Total		Oil & G	Frease	Cyanide, Total	
EFFLUENT PARAME	TER NUMBER	Q50050	*****	Q00530	C00530	Q00552	C00552	Q00720	C00720
SAMPLE TYPE	Permit Condition	TOTALZ	*****	Comp24	Comp24	3Grab24H	3Grab24H	Grab	Grab
SAMPLE TIPE	Monitored	TOTALZ	*****	Comp24	Comp24	3Grab24H	3Grab24H	Grab	Grab
FREQUENCY	Permit Condition	5/Week	*****	5/Week	5/Week	5/Week	5/Week	5/Week	5/Week
TIVE GOLIVOT	Monitored	Daily	*****	5/Week	5/Week	5/Week	5/Week	5/Week	5/Week
EFFLUENT	Permit Minimum	*****	*****	*****	*****	*****	*****	*****	*****
LIMITATIONS	Permit Average	Report	*****	1147	Report	*****	*****	3.41	Report
	Permit Maximum	Report	*****	2290	Report	765	Report	7.95	Report
	UNITS =	MGD		Lbs/day	mg/L	Lbs/day	mg/L	Lbs/day	mg/L
	01	9.40							
	02	8.71		218.4	3.0				
	03	8.44		189.9	2.7	< 103.1	< 1.5	< 0.14	< 0.002
	04	8.04		134.9	2.0	< 85.9	< 1.3	< 0.13	< 0.002
	05	7.91		207.0	3.1	< 118.5	< 1.8	< 0.13	< 0.002
	06	8.17		116.6	1.7	< 88.6	< 1.3	< 0.14	< 0.002
	07	9.09				< 164.1	< 2.2	< 0.15	< 0.002
	08	8.52				< 179.8	< 2.5		
	09	7.78		168.2	2.6	< 84.1	< 1.3	< 0.13	< 0.002
	10	7.58		122	1.9	109.2	1.7	< 0.13	
	11	6.37		347	6.5		< 1.6		
	12	6.54		726.5	13			< 0.11	
		6.81		+					
	13			381.8	6.7		< 1.7	< 0.11	< 0.002
	14	7.48		221	3.5			0.15	
	15	9.27		186.4	2.4				
	16	9.79		161.2	2.0				
	17	8.75		229.3	3.1				
	18	9.89		149.1	1.8	< 173.9	< 2.1	< 0.16	< 0.002
	19	10.15		171.9	2.0	< 134.7	< 1.6	< 0.17	< 0.002
	20	10.83		236.6	2.6	< 117.5	< 1.3	< 0.18	< 0.002
	21	10.31							
	22	10.12							
	23	9.58		161.1	2.0	< 103.9	< 1.3	< 0.16	< 0.002
	24	10.26		157.0	1.8	< 116.9	< 1.4	< 0.17	< 0.002
	25	10.43		216.4	2.5		< 1.8		
	26	10.99		255.8	2.8		< 1.3		
	27	8.79		99.07	1.4		< 1.6		
	28	11.66		99.07	1.4	110.0	1.0	0.13	0.002
		11.00							
	29			1== 0		1100		0.10	
	30	9.86		177.8	2.2	< 112.2	< 1.4	< 0.16	< 0.002
MONTHLY AVERAG	E	9.08		183.9	2.7	0	0	0	
HIGHEST VALUE		11.66		726.5	13		2.5		
LOWEST VALUE		6.37		99.1	1.4	< 81.2	< 1.3	< 0.10	< 0.002
NO. OF TIMES WEE EFFL. LIMITATIONS		0		0	0	0	0	0	0

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

wark Henry	5/21/2017
(SIGNATURE OF CERTIFIED OPERATOR)	DATE
Mark Henry	
219.763.5869	WW020376
PHONE NUMBER	CERTIFICATION NO.

Joseph E. Hanning

(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)

Joseph E. Hanning, Manager Environmental Control

5/21/2017

Page 18 of 22





Revision Pending Approval - September 2003

U.S. Steel Corporation Midwest Plant 6300 US HWY 12

MS AE-1

Portage, IN 46368-1287

FACILITY NAME AND ADDRESS:

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Indiana Dept. of Environmental Management Office of Water Quality / Data Management Section

P.O. Box 6015

Indianapolis, Indiana 46206-6015

	PERMIT NUMBER				ALL NO.	MC	-		
FFLUENT CHARA		Fluoride			otal Recov.		otal Recov.	•	tal Recov.
FFLUENT PARAM		Q00951	C00951	Q01074	C01074	Q01079	C01079	Q01094	C01094
SAMPLE TYPE	Permit Condition	Comp24	Comp24	Comp24	Comp24	Comp24	Comp24	Comp24	Comp24
	Monitored	Comp24	Comp24	Comp24	Comp24	Comp24	Comp24	Comp24 5/Week	Comp24 5/Week
FREQUENCY	Permit Condition Monitored	Monthly Monthly	Monthly Monthly	Monthly Monthly	Monthly Monthly	Monthly Monthly	Monthly Monthly	5/Week	5/Week
	Permit Minimum	*****	*****	*****	*****	*****	*****	*****	3/ VVEEK
EFFLUENT	Permit Average	150	Report	Report	Report	Report	Report	10.0	Report
LIMITATIONS	Permit Maximum	400	Report	Report	Report	Report	Report	30.0	Report
	UNITS =	Lbs/day	mg/L	Lbs/day	mg/L	Lbs/day	mg/L	Lbs/day	mg/L
	01		Ū	, ,	J	, , , , , , , , , , , , , , , , , , ,	Ū		
	02							0.81	0.01
	03	15.16	0.22	0.30	0.0043	< 0.005	< 0.000070	0.62	
	03	13.10	0.22	0.30	0.0043	0.003	0.000070	0.02	
	05	·						1.12	
	06							0.83	0.01
	07								.
	08								
	09							0.78	
	10							0.59	0.00
	11							0.86	0.01
	12							0.63	0.01
	13							0.75	0.01
	14							< 0.75	< 0.01
	15							< 0.86	< 0.01
	16							< 0.92	< 0.01
	17							< 0.97	
	18							1.07	
	19							1.68	
	20							1.08	
	21							0.84	
		-							
	22	-						0.93	
	23	-						0.88	
	24							0.84	
	25							0.88	
	26							1.18	
	27							0.95	0.0
	28							0.93	
	29							0.82	0.00
	30							0.81	0.009
MONTHLY AVERAC	GE	15.16	0.22	0.30	0.0043	0	0	< 0.89	< 0.01
HIGHEST VALUE		15.16	0.22	0.30	0.0043	< 0.005	< 0.000070	1.68	0.0
OWEST VALUE		15.16	0.22	0.30	0.0043	< 0.005	< 0.000070	< 0.59	< 0.00
IO. OF TIMES WEE		0	0	0	0	0	0	0	0

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Mark Henry	5/21/2017
(SIGNATURE OF CERTIFIED OPERATOR)	DATE
Mark Henry	
219.763.5869	WW020376
PHONE NUMBER	CERTIFICATION NO.
Joseph E. Hanning	5/04/0047

(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)

Joseph E. Hanning, Manager Environmental Control

DATE Page 19 of 22

5/21/2017





MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS Revision Pending Approval - September 2003

FACILITY NAME AND ADDRESS:

U.S. Steel Corporation Midwest Plant 6300 US HWY 12 MS AE-1 Portage, IN 46368-1287

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P.O. Box 6015

Indianapolis, Indiana 46206-6015

I N 0	0 0 0	3 3	7	3 0	4 A	0	4 1	7	
	PERMIT NUMBER				ALL NO.	M			
EFFLUENT CHARACT			, Total Recov.		otal Recov.		Total Recov.		otal Recov.
EFFLUENT PARAMET		Q01113 Comp24	C01113 Comp24	Q01114 Comp24	C01114 Comp24	Q01118 Comp24	C01118 Comp24	Q01119 Comp24	C01119 Comp24
SAMPLE LYPE -	Permit Condition Monitored	Comp24	Comp24	Comp24	Comp24	Comp24	Comp24	Comp24	Comp24
	Permit Condition	Monthly	Monthly	Monthly	Monthly	5/Week	5/Week	Monthly	Monthly
FREQUENCY -	Monitored	Monthly	Monthly	Monthly	Monthly	5/Week	5/Week	Monthly	Monthly
F	Permit Minimum	*****	*****	*****	*****	*****	*****	*****	*****
EFFLUENT F	Permit Average	Report	Report	Report	Report	10.0	Report	Report	Report
F	Permit Maximum	Report	Report	Report	Report	30.0	Report	Report	Report
	UNITS =	Lbs/day	mg/L	Lbs/day	mg/L	Lbs/day	mg/L	Lbs/day	mg/L
	01								
	02					0.99	0.014		
	03	< 0.005	< 0.000070	0.016	0.00023	0.93	0.013	0.34	0.0049
	04					0.84	0.012		
•	05					1.86	0.028		-
	06					1.10	0.016		
	07								
	08								
	09					1.55	0.0239		
	10					138.8	2.2		
	11					204.0			
	12					8.18			
	13					3.08	0.054		
	14					1.74	0.028		
	15					0.45	0.0058		
	16					0.43	0.0038		
	17					0.50		-	
	18					1.59	0.019		
	19					1.15			
	20					0.56	0.0062		
	21					0.50	0.0058		
	22					0.98	0.012		
	23					1.22	0.015		
	24					1.20			
	25					2.13	0.024		
	26					0.75	0.0082		
	27					0.80	0.011		
	28					0.77	0.0080		
	29					0.60	0.0065		
	30					0.48	0.0058		
<u> </u>									
MONTHLY AVERAGE		0	0	0	0	13.97	0.24	0.34	0.0049
HIGHEST VALUE		< 0.005	< 0.000070	0.02	0.000229	204.0	3.8	0.34	0.0049
OWEST VALUE		< 0.005	< 0.000070	0.02	0.000229	0.45	0.0058	0.34	0.0049
NO. OF TIMES WEEKL EFFL. LIMITATIONS E.		0	0	0	0	3	0	0	0
			Highlighted o	laily values are	<loq &="">= LOD, ar</loq>	nd are not quan	tifiable.		
certify under penalty of la	w that this document ar	nd all attachments we		-	Mark H	·			

prepared under my direction or supervision in accordance with a system
designed to assure that qualified personnel properly gather and evaluate the
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219.763.5869	WW020376
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Joseph E. Hanning	E/04/0047

(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER) Joseph E. Hanning, Manager Environmental Control

Page 20 of 22

DATE





Revision Pending Approval - September 2003

U.S. Steel Corporation Midwest Plant 6300 US HWY 12

MS AE-1

Portage, IN 46368-1287

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		₹		OUTF		M	O. YR.		
EFFLUENT CHARACTERISTICS Chromium, H				roethylene	· .	nthalene	Total Toxic Organics		
FFLUENT PARAMET	TER NUMBER	Q01220	C01220	Q34475	C34475	Q34696	C34696	Q78224	C78224
SAMPLETYPE	Permit Condition	Grab	Grab	Grab	Grab	Grab	Grab	Comp24	Comp24
0, LE 1 11 E	Monitored	Grab	Grab	Grab	Grab	Grab	Grab		
FREGUENCY F	Permit Condition	Weekly	Weekly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly
	Monitored	Weekly *****	Weekly *****	Monthly	Monthly	Monthly	Monthly		
	Permit Minimum			*****		*****		*****	*****
LIMITATIONS	Permit Average	0.17	Report	*****	Report	*****	*****	*****	*****
	Permit Maximum	0.51	Report	1.29	Report	0.86	Report	38.43	Report
	UNITS =	Lbs/day	mg/L	Lbs/day	mg/L	Lbs/day	mg/L	Lbs/day	mg/L
	01								
	02								
	03			< 0.02	< 0.00027	< 0.01	< 0.00010		
	04	< 0.003	< 0.000048						
	05	1 1 1 1						+	
	06							+	
		 						+	
	07	 							
	08								
	09								
	10								
	11	902.8	17.2						
	12	1.782	0.033						
	13								
	14								
	15							-	
		< 0.004	. 0.000047						
	16								
	17	< 0.003						\longrightarrow	
	18	< 0.004							
	19	< 0.004	< 0.000047						
	20								
	21	< 0.004	< 0.000047						
	22	< 0.004	< 0.000046						
	23	< 0.004	< 0.000047						
	24	< 0.027							
	25	< 0.005							
								\longrightarrow	
	26	< 0.004							
	27	< 0.003						\longrightarrow	
	28	< 0.005							
	29	< 0.004	< 0.000047						
	30	< 0.004	< 0.000047						
MONTHLY AVERAGE		< 50.26		0	0	ű	0	NA	
HIGHEST VALUE		902.8	17.2		< 0.00027		< 0.00010	NA	
OWEST VALUE		< 0.003	< 0.000046	< 0.02	< 0.00027	< 0.01	< 0.00010	NA	l
IO. OF TIMES WEEK							_	_	
FFL. LIMITATIONS E		3	0	0	0	0	0	0	0

designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Joseph E. Hanning
(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)

5/21/2017 DATE

DATE

Joseph E. Hanning, Manager Environmental Control

(SIGNATURE OF CERTIFIED OPERATOR)

Mark Henry

219.763.5869

PHONE NUMBER

Page 21 of 22

WW020376

CERTIFICATION NO.



MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

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Ν 0 0 0 0 3 0 0 0 PERMIT NUMBER OUTFALL NC

PERMIT NUMBER				OUTF	ALL NO.	MO. YI		₹.	
EFFLUENT CHARACTERISTICS		Temperature, Intake		Temperature, Upstream		Temperature, Downstream		Temp Diff. Receiving Water	
EFFLUENT PARAMETER NUMBER		*****	C00011	*****	C00011	*****	C00011	*****	C03772
SAMPLE TYPE FREQUENCY	Permit Condition	*****	Contin	*****	Contin	*****	Contin	*****	Calctd
	Monitored	*****	Contin	*****	Contin	*****	Contin	*****	Calctd
	Permit Condition	*****	Hourly	*****	Hourly	*****	Hourly	*****	Hourly
	Monitored	*****	Hourly	*****	Hourly	*****	Hourly	*****	Hourly
EFFLUENT	Permit Minimum	*****	*****	*****	*****	*****	*****	*****	*****
LIMITATIONS	Permit Average	*****	Report	*****	Report	*****	Report	*****	*****
LIMITATIONO	Permit Maximum	*****	Report	*****	Report	*****	Report	*****	2
	UNITS =		°F		°F		°F		°F
	01		43.96		49.31		50.26		1
	02		41.83		51.20		52.10		1
	03		41.40		51.74		52.60		1
	04		44.71		52.38		53.14		1
	05		44.06		52.43		53.26		1
06			42.56		48.38		49.27		1
	07		42.56		47.26		48.18		1
	08		42.56		47.10		48.00		1
			42.56		50.19		51.12		
	09								1
	10		42.56		51.20		52.09		1
	11		42.56		53.83		54.60		1
	12		42.56		55.64		56.41		1
	13		42.56		55.15		55.84		1
	14		42.56		56.93		57.62		1
	15		42.56		62.16		62.86		1
	16		42.56		63.88		64.64		1
	17		42.56		63.28		63.97		1
	18		42.56		63.82		64.46		1
	19		42.56		64.24		65.08		1
	20		42.56		63.76		64.58		1
	21		42.56		63.91		64.81		1
	22		42.56		61.78		62.84		1
	23		42.53		62.95		63.65		1
	24		42.51		62.44		63.56		1
	25		42.51		63.84		64.64		1
	26		42.49		64.95		65.87		1
	27		42.55		64.95		65.85		1
	28		42.55		64.87		65.72		1
	29		42.55		61.03		62.06		1
	30		42.56		61.30		62.25		1
			.2.00		21.00		52.20		
MONTHLY AVERAG	<u> </u>		42.66		57.86		58.71		
	DE								
HIGHEST VALUE			44.71		64.95		65.87		
OWEST VALUE									
NO. OF TIMES WEE									
EFFL. LIMITATIONS			0	,	0 n Temperature Table		0	L	<u> </u>

*Pursuant to Part III.A.6 of NPDES Permit No. IN0000337 "The provisions of paragraph 5 (maximum limits in Temperature Table 2) above shall be inapplicable at any time when the upstream temperature is within 2 degrees F of the maximum limitation for that day"

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Joseph E. Hanning

5/21/2017 (SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)

Joseph E. Hanning, Manager Environmental Control

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